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antibody and ELISA experts

BOSTER BIOLOGICAL TECHNOLOGY
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Anti-MLH1 Antibody Picoband® Fluoro594 Conjugated

Catalog Number: PB9724-Fluoro594

About MLH1

MutL homolog 1, colon cancer, nonpolyposis type 2 (E. coli) is a protein that in humans is encoded by the MLH1 gene located on Chromosome 3. This gene was identified as a locus frequently mutated in hereditary nonpolyposis colon cancer (HNPCC). It is a human homolog of the E. coli DNA mismatch repair gene mutL, consistent with the characteristic alterations in microsatellite sequences (RER+phenotype) found in HNPCC. Alternative splicing results in multiple transcript variants encoding distinct isoforms. Additional transcript variants have been described, but their full-length natures have not been determined.

Overview

Product Name	Anti-MLH1 Antibody Picoband® Fluoro594 Conjugated
Reactive Species	Human
Application	Recommended applications are based on the parent unconjugated antibody (WB). Customers may select suitable applications according to their experimental needs.
Clonality	Polyclonal
Formulation	Each vial contains 50% glycerol, 0.9% NaCl, 0.2% Na2HPO4, 0.02% NaN3.
Storage Instructions	At -20˚C for one year from date of receipt. Avoid repeated freezing and thawing. Protect from light.
Host	Rabbit
Uniprot ID	P40692

Technical Details

Immunogen	A synthetic peptide corresponding to a sequence at the C-terminus of human MLH1, different from the related mouse sequence by three amino acids, and from the related rat sequence by four amino acids.
Cross Reactivity	No cross-reactivity with other proteins.
Isotype	Rabbit IgG
Form	Liquid
Concentration	0.5 mg/mL
Purification	Immunogen affinity purified.
Conjugate	Fluoro594 Excitation Wavelength: 593 nm Emission Wavelength: 618 nm

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Suggested Dilutions	Optimal dilutions should be determined by end users.

Anti-MLH1 Antibody - Fluoro594

For Research Use Only. Not for use in diagnostic procedures.